



# Module Descriptor for MDCS41980 in 2021/2022

Short Title	Long Title	Subject Area	College	School/Unit	Last Modified
Clinical Trials Online	Clinical Trials Online	Medicine Clinical Science	Health & Agricultural Sciences	Medicine	06 Dec 2021

UCD Level	Credits (ECTS)	Semester/Trimester	Grade Scale	VLE Setup	Module Coordinator	Status
4 - Masters	10.0	Spring	Letter grades	Module in Brightspace	Deborah Wallace	Active

Mode of Delivery	Internship Module	Clinical / Fieldwork / Placement
Online	No	Other

Overall Places	Core/Option	General Elective	First Year Elective	International	Open Learning
100	100	0	0	0	0

Purpose & Overarching Content
<p>This module forms part of the Graduate Certificate in Clinical Trials. The goal of this module is to provide an overview of clinical trials from idea to completion, with specific reference to trial design considerations</p> <ul style="list-style-type: none"> <li>* Introduce the different types of clinical trial</li> <li>* Explain the study designs used in clinical trials</li> <li>* Understand how populations are selected and control groups used</li> <li>* Understand the importance of endpoints and how these are analysed</li> <li>* Understand the process of drug development, including discovery, preclinical testing and clinical trials</li> </ul>

Learning Outcomes
<p>On completion of this course students will demonstrate advanced knowledge of clinical trials. Specifically, students will be able to:</p> <ul style="list-style-type: none"> <li>* Understand clinical trial principles, including study design</li> <li>* Understand regulatory and legal environment in which clinical trials are completed</li> <li>* Analyse the design of clinical trials and the populations used</li> <li>* Assess the suitability of the endpoints employed in clinical trials</li> <li>* Understand how emerging designs are directly enhancing clinical trials</li> </ul>

Indicative Module Content
Drug Discovery & Development Preclinical testing Trial Types Pharmacology Adverse Events Trial Designs Trial Populations Trial Controls Trial Endpoints

Approaches to Teaching and Learning
Lectures Active/task-based learning Case-based learning; Online Quizzes

## Student Effort Hours

Student Effort Type	Hours
<b>Contact Time</b>	
Tutorial	20
Lectures	50
<b>Total Contact Time</b>	<b>70</b>
<b>Autonomous Student Learning</b>	
Autonomous Student Learning	140
<b>Total Autonomous Student Learning</b>	<b>140</b>
<b>Total</b>	<b>210</b>



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## Assessment Details

Assesment Type	Description	Timing	Open Book?	% of Final Grade	Component Scale	Must-Pass?	In-module Component Repeat Offered?
Assignment	Study Types Students will be provided with a number of scenarios and asked to describe the most appropriate study design	Varies over the Trimester		30	Graded	No	No
Examination	LIVE MCQ	2 hour End of Trimester Exam	No	70	Graded	No	No
<b>Total</b>				<b>100</b>			

<b>Carry Forward of Passed Components</b>
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Yes
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## Feedback Strategy

Feedback Strategies	Sequence of Feedback
- Group/class feedback, post-assessment - Online automated feedback	Students receive feedback on an ongoing basis through the online quiz, in addition to feedback on components

## Remediation Strategy

Remediation Type	Remediation Timing
Repeat	Within Two Trimesters

## Associated Staff

Name	Role
Miss Denise Gosling	Assistant Grader
Mr Martin Heduan	Assistant Grader
Dr Deborah Wallace	Lecturer / Co-Lecturer
Ms Helen Campion	VLE Access Only
Dr Marie Galligan	VLE Access Only
Mrs Allison Kacperski	Tutor
Mr Adam Tattersall	Tutor

For help with the information on this report, please email [curriculum@ucd.ie](mailto:curriculum@ucd.ie)